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(37 C.F.R. § 1.10)

I hereby certify that this *Disclosure Document* (along with any papers referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Charles A. Wilkinson  
Charles A. Wilkinson

Oct 22, 2004  
Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Brian S. Deiter  
Ser. No. : 10/782,986  
Filed : February 20, 2004  
Title : **ARROW REMOVAL TOOL**  
Art Unit : 3723  
Examiner : Unassigned  
Docket No. : 323

Commissioner for Patents  
P.O. Box 1450,  
Alexandria, VA 22313-1450

**DISCLOSURE STATEMENT**

Sir:

In order to comply with the Discretionary Regulations 37 C.F.R. 1.97 and 1.98, attached hereto is a copy of Form PTO-1449 with designations of the most pertinent prior art known to Applicant. These documents contain information which the Examiner may consider to be important in considering whether to allow the above application to issue as a patent. None of the prior art discloses an arrow puller or extractor with the characteristics of Applicant's device.

The following brief description of these references by Applicant may aid the Examiner in connection with the Figures of the reference designated.

Document A comprises U.S. Patent 3,826,471 issued to Orton et al. on July 30, 1974 entitled "**Device for Pulling Arrowheads from Implantation in Solid Objects**" discloses an extractor having a pivoting lever and a retaining cam. A blade of the arrowhead is fitted against the cam and the cam pressure is increased as the lever is engaged such that the arrowhead may be dislodged from its location.

Document B comprises U.S. Patent 3,873,068 issued to Allen on March 25, 1975 entitled "**Archer's Accessory Tool for Removing Embedded Arrowheads**" discloses an extractor comprising a fulcrum lever having a pair of protruding lugs that fit into the corresponding spaces in the arrowhead. The arrowhead is dislodged as the lever is applied. If the arrowhead is not so deeply embedded, the tool can also be used to pull the arrowhead straight out from its location.

Document C comprises U.S. Patent 5,445,424 issued to Binette on August 29, 1995 entitled "**Automatic Arrow Extractor**" discloses an arrow extractor having a trapezoidal shaped frame member with a U-shaped recess and an integrally connected downwardly extending handle member. On either side of the channel are a pair of slideable gripping elements urged toward one end of the frame member coil springs. When an arrow shaft is engaged in the U-shaped channel and pulled outwardly, the gripping elements slide against the spring tension and, due to the shape of the frame member, grip the shaft.

Document D comprises U.S. Patent 5,544,926 issued to Ravencroft on August 13, 1996 entitled "**Shaft Gripper for Pulling an Arrow**" discloses an elongated grip member made of flexible rubbery material and further having a V-shaped groove cut lengthwise along the grip member such that the arrow shaft can fit within the groove. The grip is then squeezed upon the arrow shaft and the arrow may be pulled from its location.

Document E comprises U.S. Patent 5,546,621 issued to Bulot on August 20, 1996 entitled "**Arrow-Out**" discloses an arrow extractor with two pivoting handles, each

having an elongated groove and further having a rubber liner in each elongated groove, whereby the handles may be pressed upon the shaft of an arrow and the arrow may be pulled from its location.

The present Disclosure Statement is being submitted in compliance with 37 C.F.R. 1.56 under the broad standard that an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent. It is not believed any reference cited specifically rises to the standard of being a prima facie invalidating reference for any of the Applicant's claims. The citation of any document should not be construed as an admission that such document is necessarily relevant or even prior art. No representation is intended, furthermore, that the cited documents represent the results of a complete search, and it is anticipated that the Examiner, in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 C.F.R. 1.04(a) and 1.106(b), and in the course of such search, will review for relevance every document cited on the attached form even if not initialed.

This information is being submitted prior to the first Official Action on the merits and should not therefore require the payment of any submission fees.

As indicated, Form PTO-1449 is attached.

Respectfully submitted,

*Charles A. Wilkinson*

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Dated: October 22, 2004

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Substitute for form 1449/Pt

(Use as many sheets as necessary)

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**Complete if Known**

Application Number	10/782,986
Filing Date	February 20, 2004
First Named Inventor	Brian S. Deiter
Art Unit	3723
Examiner Name	Unassigned
Attorney Docket Number	323

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner  
Signature

Date	
Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND **COMPLETED FORMS TO: P.O. Box 1450, Alexandria, VA 22313-1450.**

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